# PEAK High Capacity of microSDHC CARD Class 6

| PEAK Code | | |
|---|---|---|
| | 4GB | 142387 FBPK |
| | 8GB | 109447FBPK |
| | 16GB | 101706FBPK |

## DESCRIPTION

PEAK is proud to announce our newest format and capacity to the SD card family: microSD High Capacity (microSDHC) flash card. PEAK microSDHC cards offer higher storage for more music, more videos, more pictures, more games and more of everything you need in today's mobile world.

Please check to ensure your devices are compatible with the SD 2.0 specifications, especially the functions of enhanced Digital Still Camera and Continuous Video Shooting.

Different from SLC, MLC is a kind of flash technology which provides cost effective solution to user. More MLC information, please check here. More SD 2.0 information, please check here.

## FEATURES

- Supports the interface of SD 2.0 standard and devices with SDHC logo
- Compatible with all PC card services and socket services
  - Supports Error Correcting Code (ECC) function to detect and correct errors.
  - Supports In System Programming (ISP) function to load the firmware.
  - Supports Wear Leverage function to maximize data endurance.
- Automatic error correction and retry capabilities
- Supports power down commands and sleep modes
- Very low power consumption.

## SPECIFICATION

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|---|---|
| **MODEL** | • SecureDigital™ Cards |
| **SD card Standard** | • SD 2.0 |
| **OPERATION VOLTAGE** | • 2.7V ~ 3.6 V |
| **OPERATION TEMPERATURE** | • -25˚C ~ 85˚C |
| **STORAGE TEMPERATURE** | • -40˚C ~ 85˚C |
| **OPERATION HUMIDITY** | • 8%-95% |
| **STORAGE HUMIDITY** | • 8%-95% |
| **DURABILITY** | • 10,000 insertion cycles |
| **PRODUCT DIMENSION** | • 15 (L) x 11 (W) x 1 (H) mm (microSD only)<br>• 32 (L) x 24 (W) x 2.1(H) mm (with Adapter) |
| **PACKAGE DIMENSION** | • 125(L)x105(W)x15(H) mm |
| **PRODUCT WEIGHT** | • 2g |
| **PACKAGE WEIGHT** | • 40g Approximately |

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